

Traccon 2009



Central Valley



Traffic Control Supervisors Association

23rd Annual Conference & Equipment Show

Presented by: TCSA State Board
Bakersfield, California
April 27, 28, 29, 30 – 2009



Double Tree Hotel
3100 Camino Del Rio Court
Bakersfield, California 93308
Dial Direct: (661) 323-7111
Fax: (661) 323-0331
www.bakersfield.doubletree.com
1-800-222-TREE

Tracon 2009



Central Valley



Double Tree Hotel

3100 Camino Del Rio Court
Bakersfield, California 93308
Dial Direct: (661) 323-0331

www.bakersfield.doubletree.com

1-800-222-TREE

Room Rate: \$84.00 Single Rate & Double Rate
Plus 12.06% room tax



(Contact the hotel directly and make reservations under TCSA)

Tracon 2009

TRACON2009

23RD ANNUAL CONFERENCE
AND EQUIPMENT SHOW

April 27, 28, 29, 30, 2009



REGISTRATION FORM

Name _____

Agency/Company _____

Address _____

City _____ Zip _____

Phone _____ Fax _____ Email _____

TCSA Chapter North ___ Central Valley ___ LA ___

Full Conference - Advanced Register - \$295.00 / Non-member \$350.00 \$ _____

(Received on or before April 16, 2009)

Includes Workshops, Equipment Display, Vendors Hospitality, 2 lunches and Wed. Banquet

(Does not include IMSA classes which require separate registration: see attached)

Full Conference – LATE Registration - \$350.00 \$ _____

(Received after April 16, 2009)

Includes Workshops, Equipment Display, Vendors Hospitality, 2 lunches and Wed. Banquet

(Does not include IMSA classes which require separate registration: see attached)

Wednesday Registration - \$200.00 \$ _____

Includes Wed. Workshops, Equipment Display, Vendors Hospitality, 2 lunches and Wed. Banquet

(Does not include IMSA classes which require separate registration: see attached)

Thursday Registration - \$135.00 \$ _____

Includes Thurs. Workshops, lunch.

(Does not include IMSA classes which require separate registration: see attached)

Guest Packet/Addition Meal Packets - \$125.00 \$ _____

Includes all meals Wed. and Thurs.

Banquet (Wednesday) - \$65.00 \$ _____

Equipment Display/Demonstration (Wednesday) – No charge

Total \$ _____

Make check payable to: TCSA
304 E. Lois Ave.
Tulare, CA. 93274

If you have any questions, please contact Cruz Dominguez (559) 805-5720 e-mail cruzdmngz@yahoo.com or Mike Rosas (559) 381-6876 e-mail mrosas@Lemoore.com



TRACON 2009

VENDOR REGISTRATION

April 27,28,29,30, 2009

Name _____
 Company _____
 Address _____
 City _____ Zip _____
 Phone _____ Fax _____ Email _____
 Number of badges _____ Names of badges _____

Display Space:

\$485.00 TCSA Member (Adv.) **\$650.00** Non Member adv. regis. Before April 16, 2009

\$550.00 TCSA Member (Late) **\$750.00** Non Member late regis. After April 16, 2009

Includes on 12' x 16' OUTSIDE display space (extra spaces available at \$75.00/space) and (2) Meal Ticket Packet)

Includes vendor hospitality, lunches, and banquet Wednesday. BRING YOUR OWN TENTS, TABLES AND CHAIRS.

REGISTRATION _____ \$ _____

NUMBER OF EXTRA SPACES _____ @ \$75.00 \$ _____

ELECTRICITY: YES _____ @\$35.00 \$ _____

(Bring your own extension cords)

ADDITIONAL MEAL PACKET (2) \$100.00 # _____ \$ _____

(Includes vendor hospitality lunches, and banquet Wednesday)

VENDOR HOSPITALITY PLATINUM SPONSORSHIP (\$200) \$ _____

(Vendors making platinum sponsorship will receive recognition during the conference)

NON-DISPLAYING VENDOR HOSPITALITY SPONSOR (\$120.00) \$ _____

Make check payable to: T C S A TOTAL \$ _____

Mail this form and your check to:

TCSA

6189 Shoshone Dr.

Manteca, CA 95336

NO SUITCASING PLEASE

Please note that while all conference delegates are invited to attend the Traffic Expo, any attendee who is observed to be soliciting business in the aisles or other public spaces or in another company's booth will be asked to leave immediately.

If you have any questions, please contact Rich Torres (Pacific Products) at (209) 482-3522 or

Email: therichpoi@comcast.net



TRACON 2009 SCHEDULE

CHECK BOXES FOR CLASSES ATTENDING / MAIL WITH REGISTRATION FORM

Tuesday April 28, 2009

Registration 10:00am – 3:00pm

Vendor Registration Exhibit Set-Up 1:00am – 6:00pm

Golf Registration at RiverLakes Ranch 6:30am (8:00am shot gun start)

Vendor Hospitality (Casino Night) 6:30pm – 9:00pm

Wednesday April 29, 2009

Registration 6:30am – 11:30am / 1:00pm – 3:00pm

- 7:30am – 10:00am CA MUTCD: Overview
- 8:00am – 10:00am Paint Pump Maintenance & Repair
- 8:00am – 10:00am Computer Sign Inventory/GPS/GIS
- 8:00am – 10:00am Herbicide/Pesticide Spraying
- 8:00am – 10:00am ADA Compliance: Where Does Your Agency Stand? Sidewalk Closures, Construction and Beyond etc.

10:00am – 4:00pm Vendor Equipment Display & Demonstration

12:00 – 1:00pm

Lunch

- 1:30pm – 4:00pm CA MUTCD: Temporary Traffic Control (Work Zones)
- 1:30pm – 3:30pm Herbicide/Pesticide Spraying
- 6:00pm – 7:00pm Social Hour
- 7:00pm – 10:00pm Banquet and Awards / Raffle

Thursday April 30, 2009

Registration 7:00am – 9:00am

- 7:30am – 12:00pm CA MUTCD: Signs and Markings
- 8:00am – 10:00am Computer Sign Inventory/GPS/GIS
- 8:00am – 11:00am ADA Compliance: Where Does Your Agency Stand? Sidewalk Closures, Construction and Beyond etc.
- 8:00am – 10:00am Paint Pump Maintenance & Repair

12:00pm – 1:00pm

Lunch

- 1:00pm – 4:00 pm CA MUTCD: Traffic Control for School Areas, Bicycle Facilities & Railroad/Light Rail-Transit etc.

IMSA REGISTRATION FORM

TRACON 2009

April 27th thru 30th, 2009 Bakersfield, California

THIS FORM IS SEPARATE/ DOES NOT INCLUDE CONFERENCE REGISTRATION



Name _____

Agency/Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____ Email _____

CHECK BOX BELOW FOR CERTIFICATION CLASS THAT YOU WILL BE ATTENDING

- | | |
|---|---|
| <input type="checkbox"/> Work Zone Safety | \$285.00 (Mon.27 th / Tues.28 th) |
| <input type="checkbox"/> Signs and Markings Level I | \$295.00 (Tues.28 th /Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Signs and Markings Level II | \$305.00(Tues.28 th /Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Signs and Markings Level III | \$315.00 (Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Traffic Signal Level I | \$295.00 (Tues.28 th /Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Traffic Signal Level II | \$305.00 (Tues.28 th /Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Roadway Lighting I | \$295.00 (Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Roadway Lighting II | \$305.00 (Mon.27 th /Tues.28 th) |
| <input type="checkbox"/> Signal Work Shop | \$175.00 (Wed.29 th /Thurs.30 th) |
| <input type="checkbox"/> Renewals | \$200.00 Lunch not included |
| <input type="checkbox"/> Challenges | \$175.00 (Wed.29 th) Lunch not included |
| <input type="checkbox"/> Retakes | FREE (Wed.29 th) Lunch not included |

Make check payable to:

TCSA
304 E. Lois Ave
Tulare, CA 93274

Any questions regarding IMSA classes contact:

Tom Randal at randal@nccn.net or (530) 265-6551

Books must be purchased directly from IMSA

www.IMSASAFETY.org

Any questions regarding meals, additional meal packets or conference registration contact Cruz Dominguez (559) 805-5720 or email cruzdmngz@yahoo.com



**TRACON 2009
CONFERENCE
SCHEDULE**

**IMSA
CERTIFICATION
CLASSES
ONLY**

Monday, April 27, 2009

7:30am – 3:30pm	IMSA Work Zone Safety
7:30am – 3:30pm	IMSA Roadway Lighting II
12:00pm – 1:00pm	Lunch

Tuesday, April 28, 2009

7:00am – End of Testing	IMSA Work Zone Safety
7:00am – 3:30pm	IMSA Roadway Lighting II
7:00am – 3:30pm	IMSA Traffic Signals II
12:00pm – 1:00pm	Lunch
1:00pm – 3:30pm	IMSA Signs & Markings I
1:00pm – 3:30pm	IMSA Signs & Markings II
1:00pm – 3:30pm	IMSA Traffic Signals I

Wednesday, April 29, 2009

7:00am – 3:30pm	IMSA Roadway Lighting I
7:00am – 3:30pm	IMSA Traffic Signals II
7:00am – 3:00pm	IMSA Signs & Markings I
7:00am – 3:30pm	IMSA Signs & Markings II
7:00am – 3:30pm	IMSA Signs & Markings III
7:00am – 3:30pm	IMSA Signal Work Shop
7:00am – 3:30pm	IMSA Traffic Signals I
12:00pm – 1:00pm	Lunch
1:00pm-until finished	Challenges & Retakes
10:00am – 4:00pm	Vendor Equipment Display and Demonstration

Thursday, April 30, 2009

7:00am – End of Testing	IMSA Roadway Lighting I
	IMSA Traffic Signals I & II
	IMSA Signs & Markings I, II & III
7:00am-until finished	IMSA Signal Work Shop

TCSA Conference Courses

CA MUTCD: Overview

Wed. 7:30-10:00 am

Johnny Bhullar - Senior Transportation Engineer (Caltrans)

Key Topics: Format, applicability and compliance aspects of the California MUTCD. Recently adopted policies per CHP's Older Californian Traffic Safety Task Force for older drivers and pedestrians. Recent and upcoming changes recommended for inclusion into California MUTCD based on new laws and CTCDC recommendations. Amendments proposed by FHWA for the next edition of the National MUTCD.

CA MUTCD: Temporary Traffic Control (Work Zone)

Wed. 1:30 – 4:00 pm

Key Topics: ADA act & accessibility considerations. Workers, emergency officials, pedestrian & bicyclists safety. Types of tapers, taper lengths and buffer space. Flagger control & apparel. Sign colors, spacing & some specific sign policies. Portable changeable message signs. Type & spacing of channelizing devices. Location of work & typical applications. Caltrans Standard Plans T10 thru T17. Incident management areas.

CA MUTCD: Signs & Markings

Thurs. 7:30 – 12:00 noon

Key Topics: Sign codes, colors, shapes, symbols, borders, word messages, alphabets, sizes, heights and lateral offsets. Speed limit criteria. Warning signs advance placement distance criteria and ball band criteria for advisory speed. Street name signs. Marking colors, details, words & symbols. Centerline, laneline and edgeline marking warrants. Lane reduction transition markings. Crosswalk & parking space marking. Colored pavements.

CA MUTCD: Traffic Control for School Areas, Bicycle Facilities & Railroad/Light Rail - Transit Environments.

Thurs. 1:00 – 4:00 pm

Key Topics: School area signs and assemblies. White versus yellow crosswalk markings. Crossbuck, advance warning, exempt, blank-out turn restriction, low clearance, skewed and other signs for railroad crossings. Placement criteria for railroad warning signs and markings. Stop lines and dynamic envelope markings at railroad crossings. Design and placement of signs for bicycle facilities. Marking patterns and colors for bicycle facilities. Shared roadway bicycle markings. Bicycle lane treatments approaching intersections.

Computer Sign Inventory /GPS/GIS

Wed. 8:00 – 10:00 am

Mark Faulconer - City of Clovis

Wed. 1:30 – 3:00 pm

Is your agency adequately maintaining an inventory of its current signs? Mark Faulconer, Signs and Striping Leadworker for the City of Clovis will be discussing and demonstrating the general aspects of the Sign Inventory System and GIS mapping that the City of Clovis Signs and Striping Unit uses every day to track and maintain more than 12,000 signs throughout the City. The presentation will also include a history of the project from inception to date; overview of equipment used; planning, design and testing; gathering data in the field; and features and uses of the Cartegraph and Arcview software. See how virtually any sign(s) can be accessed immediately for the purpose of research, sign purchases or sign replacement, from a database that is constantly updated to supply current and historical information.

TCSA Conference Courses

Herbicide / Pesticide Spraying

Wed. 8:00 – 10:00 am

Kern County Agricultural Department

Thurs. 8:00 – 10:00 am

This course gives an overview of the Laws and Regulations (The Do's and Don'ts) of Herbicide/ Pesticide application. Is your agency/company in compliance?

ADA Compliance: Where Does Your Agency Stand?

Wed. 7:30 – 10:30 am

Sidewalk Closures and Beyond

Thurs. 8:00 – 11:00 am

Rocky Burks – City of Sacramento

This workshop will examine the impact that the Americans with Disabilities Act has on various public agency projects. Creating policies regarding ADA issues in the local agencies (i.e. prioritizing ADA improvements [facilities, parks, paths of travel, parking areas, etc.]. What criteria triggers ADA upgrades in construction of facilities and/or road projects? Attaining buy-in of your policies from the ADA community in your area. Suggested ideas that will keep the agency ahead of the game, avoiding potential lawsuits and court decisions on ADA-related matters. Answers to questions regarding handicap ramps, sidewalks, etc. – Some of the questions that arise involve handicap ramp improvements (as a requirement of road improvements) at areas where the street corners are offset (due to changes in street width, alignment, etc.). At some intersections, there are compliant corner ramps/sidewalks, while across the street there are no sidewalks. Is this an invitation to cross the street to an inaccessible area? Do you still construct an ADA compliant ramp connected to no sidewalk?

Hands-on Paint Pump Maintenance & Repair

Wed. 8:00 – 10:00 am

Todd White - Dispensing Technologies

Thurs. 8:00 – 10:00 am

This class will cover pump component identification and function as well as field diagnostic and service procedures. You will obtain experience in troubleshooting and repair. You will see how each type of pump operates, also examples of typical pump problems and learn how typical breakdowns occur, how you can prevent certain breakdowns, learn pump repair in the field, learn proper pump maintenance, and troubleshooting tips to help you keep your equipment running smoothly. This learning experience will aid you in updating your Pump Maintenance Program. Also covered will be safety concerns with airless sprayers etc..

Seminar Topics/Course Descriptions:

IMSA certification

Tom Randal – Chair IMSA Certification, Far Western Section

Persons seeking certification must purchase a certification manual for the appropriate program and level and pass a proctored examination.

Work Zone Safety

Mon.7:30AM – 3:30PM / Tues. 7:00AM – End of testing

This course on Work Zone Traffic Control and Safety was specifically developed by the principles and procedures which experience has shown to enhance the safety of motorists and the workers in the vicinity of work areas. Problems of traffic control occur when traffic must be moved through or around road or street construction, maintenance operations, utility work and incidents on or adjacent to the roadway. This course establishes principles to be observed in the design, installation, and the maintenance of traffic control devices and identifies standards where applicable. A study guide was also developed to be used as a reference. The general principles outlined in the manual are applicable to both rural and urban situations.

No pre-requisites required for this course.

Signs and Markings Level I

**Tues. 1:00pm – 3:30pm / Wed.7:00am – 3:30pm
Thurs. 7:00am – End of testing**

This course gives an overview of traffic control signs and markings, it covers applications of regulatory signs; warning signs; guide signs; tourist oriented directional signs; markings and markers; traffic control in school areas; bicycle traffic control devices; safety and temporary traffic control; installation of signs and markings; emergency management signing and an overview of the MUTCD. The remaining material which will be reviewed in class has been derived from the following publications: "FHWA's Standard Highway Signs", "FHWA's Standard Alphabets For Highway Signs and Pavement Markings", "TRB's NCHRP Synthesis 157: Maintenance Management of Street and Highway Signs", and "ITE's Traffic Engineering Handbook".

**Pre-requisites: IMSA Work Zone Traffic Control and Safety Certification
One Year Traffic Operations Experience**

Signs and Markings Level II

**Tues. 1:00pm – 3:30pm / Wed. 7:00am – 3:30pm
Thurs. 7:00am – End of testing**

The primary objective of the Level II Signs & Markings certification process is to recognize those individuals whose understanding of standard signing and marking principles is thorough enough to enable them to apply these principles to on-the-job situations. In order to achieve this, the Level II preparation seminar has been designed to emphasize practical application of standard principles. More specifically, the following topics and their significance to day-to-day field work will be covered: MUTCD Sign Identification System; Warning Sign Placement, sizes and other considerations; Recognizing Common Signing Mistakes; Tort Liability; Principles of Reflectivity; Roadways and Rails; Pavement Marking and Signs; Pavement Markings; Sign Fabrication Methods and Materials; Regulatory Sign Warrants; Guide Signs, Route markers and Trailblazer Assemblies; Equipment maintenance; Sign Shop Management; a section on Dealing With The Public; the Future of Signs and Markings and an Appendix.

**Pre-requisites: IMSA Work Zone Traffic Control and Safety Certification
IMSA Signs and Markings Level I Certification
Two years Traffic Operations experience**

Signs and Markings Level III

Wed. 7:00am – 3:30pm / Thurs. 7:00am – End of testing

Signs and Marking Level III certification is the highest level of certification for signs and markings personnel. Signs and Markings Level III has no study guide, but will test your knowledge of the MUTCD. Attaining the highest level of certification in the signs and marking's operation field gives the specialist a profound sense of accomplishment as the effort required to achieve this goal is exceptional.

**Pre-requisites: IMSA Work Zone Traffic Control and Safety Certification or equivalent, Signs & Markings Level I & II Certification,
Minimum Five (5) Years Verifiable Traffic Operations Experience**

Roadway Lighting Level I**Wed. 7:00am-3:30pm/Thurs 7:00am-End of Testing**

The level 1 Roadway Lighting Certification course for qualified personnel is designed to aid individuals in the understanding fundamental aspects of Roadway Lighting. Additionally, the review material will address electrical safety and codes, basic electricity and laws, and basic construction and maintenance.

The principal objectives of the course are:

Develop a good working knowledge of electrical safety and safe equipment operation

Develop a good working knowledge of electrical laws and electric codes

Introduce basic maintenance and construction concepts for roadway lighting components

Provide and introduction to roadway lighting and the necessary bases to help the participants readiness for the examination which follows

Provide the necessary bases for the participants who successfully completed the examination to proceed to attain the Roadway Lighting Level II Certification in the future

Prerequisites:

IMSA Work Zone Traffic Control Safety Certification OR approved by the IMSA Section Certification Chair

Roadway Lighting Level II**Mon 7:30-3:30/Tues. 7:00-3:30**

The Level II Roadway Lighting Certification course for qualified personnel is designed to continue the knowledge and understanding of the fundamental aspects of Roadway Lighting.

The following topics and their significance to day-to-day field work will be covered:

Safety and Qualifications, Lamp and Luminaire Components, Electric Service, Poles and Highmast Components, Basic Lighting

Design Fundamentals, Lighting Applications, Maintenance of Systems, Reference Documents, Testing, investigation and

Troubleshooting.

Prerequisites:

IMSA Work Zone Traffic Control Safety Certification or equivalent as approved by the IMSA Section Certification Chair, Roadway Lighting Level I and two years of experience in the roadways lighting field.

Traffic Signal Level I**Tues. 1:00pm – 3:30pm / Wed.7:00am – 3:30pm****Thurs. 7:00am – End of testing**

The Traffic Signal Level I program is based on the concept for relating fundamentals of traffic signal design; traffic signal installation, maintenance and limited trouble shooting. This is the entry course for traffic signal technicians and discusses the basic procedures of how and why to install signalized intersections. It covers the process of installation required for an entry level student up to a one year technician.

Prerequisites:

IMSA Work Zone Traffic Control Safety Certification or an approved equivalent

Traffic Signal Level II**Tues. 7:00am-3:30pm / Wed. 7:00am- 3:30pm****Thurs. 7:00am – End of Testing**

This course is recommended for technicians involved with maintaining, installing and troubleshooting traffic signal devices. It also offers advantages for supervisory personnel involved in design and construction projects. This program reviews plans preparation and bidding procedures; installing traffic signals: administrative issues; legal liability issues; inside the controller cabinet; coordinated signal timing concepts; traffic signal preemption; closed loop systems; traffic signal inspection; the national electrical code and the national electrical safety code; electronics; troubleshooting; electro-mechanical controllers; and a traffic signal inspection checklist. In addition to the 100 question Level II exam, each participant must take one or both of the 50 question supplement exams for Signal Technician Certification and Signal Electrician Certification.

Pre-requisites: IMSA Work Zone Traffic Control and Safety Certification

IMSA Traffic Signal Level I Certification and Two years Traffic Operations experience



Links at RiverLakes Ranch 5201 RiverLakes Dr. Bakersfield, CA 93312 PH 661-587-Links

Tuesday April 28, 2009, 8:00 am Shot Gun Start Reg. @ 6:30 am

ENTRY FEE: \$85.00 PER PERSON----\$105.00 AFTER APRIL 21ST

Includes: Golf Cart, 2 Drink Tickets and Lunch

Format is a Four Person Scramble

If not registering as a foursome, group assignments will be filled at random.

GOLFER	E-MAIL	PHONE	FEE
1) _____			\$ _____
2) _____			\$ _____
3) _____			\$ _____
4) _____			\$ _____

VENDOR HOLE SPONSORSHIP: \$75.00 #HOLES \$ _____

TOURNAMENT SPONSOR: \$250.00 \$ _____

Includes: (Hole Sponsor, Name on Banner and Raffle Prize)

Would you like to donate any items? _____

(Balls, Towels, Tees, Hats, Bags etc.)

TOTAL DUE \$ _____

Make Check Payable To: TCSA

Mail to: TCSA
 4494 W. Escalon Ave
 Fresno, CA 93722

TRACON 2009

Direct any questions to: Jacob Caine
 (559) 217-5675